



(Venus's Fly trap). I would like to know exactly what happened to *Aldrovanda*? Can anyone send information on this plant? (D. B., Salt Lake City, Utah)

Answer: It is rather difficult to determine what type of larva may be attacking your plants, but a good drenching with a mild insecticide usually will solve the problem. Use a wettable powder preparation following the label instructions. A trip to the nursery and a question to the nurseryman should be sufficient. As to the *Aldrovanda*, the culture of this plant was covered in the December, 1978, issue of CPN. (LCS)

Question: Just lately some sort of larva has been attacking my CP plants and eating its roots and leaves. Is there anything I can do about it? I'm a newcomer to CPN — this will be my second year. The larva has eaten my 11-year-old bulb

## HYBRID NEPENTHES

(by Ron Fleming, P.O. Box 3834, Kenai, Alaska 99611)

The entries in this listing are itemized alphabetically by hybrid name followed by breeder's name, date of cross or commercial issue, "hybrid group," and, finally, a break-down of each hybrid to its supposed parent stock and hybridization structure. A good percentage of these *Nepenthes* hybrids are listed by names not acknowledged in formal horticultural publications and doubted by the professional community, as they may represent duplicate crossings of previously produced hybrids. *Nepenthes X fournieri* (Gautier, 1903) is an example of a cross between *N. northiana* and *N. maxima* which duplicates an earlier cross which produced *N. X mixta* (TIVEY, 1892). However, *N. X fournieri* does not exactly duplicate "the" *N. X mixta* in every detail. The "hybrid group" designation indicates a hybrid which is a near duplicate to one or more other named hybrids or back crossed hybrids, the group name

is generally taken from the earliest known hybrid of the group: Thus, *N. X fournieri* (Gautier, 1903, *mixta* group).

The heart of this listing is the complete break-down of each hybrid to its known or supposed parent stock in such a way as to show the intermediate steps that lead to the final hybrid as listed. As an example: *Nepenthes X f. w. moore* (Tivey, 1904, *dyeriana* group) = (*northiana* X *maxima*) X (*rafflesiana* X *veitchii*). Both primary hybrids, *northiana* X *maxima* (*N. X mixta*) and *rafflesiana* X *veitchii* (*N. X dicksoniana*), can easily be discerned while all the parent stock is shown as well. This type of listing should serve to better understand parent stock ratios in complicated crosses as well as an easy reference keying out hybrids of similar origins. It should be noted that many of the earliest hybrids are of doubtful parentage and many others may be now extinct.

*Amabilis* ( , 1886, *excelsior* group) = (*rafflesiana* x *ampullaria*) x *rafflesiana*  
*Allardii* (Allard, 1897, *tiveyi* group) = *veitchii* x *maxima*  
*Amesiana* (Veitch, 1893, *excelsior* group) = *rafflesiana* x (*rafflesiana* x *ampullaria*)  
 Dr. Edgar Anderson (Pring, 1950, *chelsonii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x [*rafflesiana* x *gracilis*]  
*Atropurpurea* ( , *nobilis* group) = *sanguinea* x *maxima* 'superba'

*Alliottii* ( , , *mixta* group) = *northiana* x *maxima*  
*Atro-sanguinea* (Taplin, 1882) = (*distillatoria* x *gracilis*) x *kbasiana*  
*Balfouriana* (Tivey, 1899, *balfouriana* group) = (*northiana* x *maxima*) x (*sanguinea* x *kbasiana*)  
*Bobnickii* (Bonstedt, 1931, *mixta* group) = [(*northiana* x *maxima*) x *maxima*] x [(*northiana* x *maxima*) x *maxima*]  
*Boissiana* (Jarry-Desloges, 1905) = [*maxima* x *veitchii*] x [*mirabilis* x (*rafflesiana* x *ampullaria*)]  
*Boissiensis* (Lecoufle-Bert, 1955, *henryana* group) = *gracilis* x [(*gracilis* x *kbasiana*) x (*rafflesiana* x *ampullaria*)]  
*Caroli-schmidtii* (Bonstedt, 1931, *deslogesii* group) = (*northiana* x *maxima*) x (*veitchii* x *maxima*)  
*Chelonii* (Seden, 1872, *chelonii* group) = (*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)  
*Chelonii excellens* (Tivey, 1900, *chelonii* group) = *rafflesiana* x [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)]  
*Coccinea* (Taplin, 1882, *wrigleyana* group) = (*rafflesiana* x *ampullaria*) x *mirabilis*  
*Compacta* (Taplin, 1881, *wrigleyana* group) = (*rafflesiana* x *ampullaria*) x *mirabilis*  
*Courtii* (Court, 1877, *dominii* group) = *gracilis* x (*rafflesiana* x *gracilis*)  
*Joseph Cuiak* (Pring, 1950, *chelonii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x [*rafflesiana* x *gracilis*]  
*Cylindrica* (Tivey, 1887) = *distillatoria* '*rubra*' x *veitchii*  
*Deslogesii* (Jarry-Desloges, 1905, *deslogesii* group) = (*maxima* x *veitchii*) x (*northiana* x *maxima*)  
*Dicksoniana* (Lindsay, 1888) = *rafflesiana* x *veitchii*  
*Dominii* (Dominy, 1862, *dominii* group) = *rafflesiana* x *gracilis*  
*Dormanniana* (Taplin, 1882, *dormanniana* group) = *mirabilis* x (*gracilis* x *kbasiana*)  
*Dominii* (Dominy, 1862, *dominii* group) = *rafflesiana* x *gracilis*  
*Dormanniana* (Taplin, 1882, *dormanniana* group) = *mirabilis* x (*gracilis* x *kbasiana*)  
*Dyeriana* (Tivey, 1900, *dyeriana* group) = (*northiana* x *maxima*) x (*rafflesiana* x *veitchii*)  
*Edinensis* (Lindsay, 1888, *chelonii* group) = *rafflesiana* x [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)]  
*Excelsa* ( ) = *veitchii* x *sanguinea*  
*Excelsior* (Taplin, 1885, *excelsior* group) = *rafflesiana* x (*rafflesiana* x *ampullaria*)  
*Eyermannii* (Siebrecht, 1889, *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Dr. D C Fairburn* (Pring, 1950, *chelonii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x *rafflesiana* x *gracilis*  
*Formosa* (Kew Garden, 1897) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x *distillatoria*  
*Fournieri* (Gautier, 1903, *mixta* group) = *northiana* x *maxima*  
*Gamerii* (Jarry-Desloges, 1905, *deslogesii* group) = (*maxima* '*superba*' x *veitchii*) x (*northiana* x *maxima*)  
*Gautieri* (Gautier, 1903, *mixta* group) = *northiana* x *maxima*  
*Goebelii* (Bonstedt, 1931, *mixta* group) = (*northiana* x *maxima*) x *maxima*  
*Goettingensis* (Bonstedt, 1931, *dyeriana* group) = (*northiana* x *maxima*) x (*rafflesiana* x *veitchii*)  
*Grandis* (Jarry-Desloges, 1906, *deslogesii* group) = *maxima* '*superba*' x *northiana* '*pulchra*'  
*Harryana* (natural hybrid complex) = *edwardsiana* x *villosa*  
*Henryana* (Taplin, 1881, *henryana* group) = (*gracilis* x *kbasiana*) x (*rafflesiana* x *ampullaria*)  
*Hibberdi* (Taplin, 1883, *henryana* group) = (*rafflesiana* x *ampullaria*) x (*gracilis* x *kbasiana*)  
*Hoescheri* (Bonstedt, 1931) = (*northiana* x *maxima*) x [(*gracilis* x (*rafflesiana* x *gracilis*)] x *distillatoria* '*rubra*'  
*Hookerae* (Taplin, 1895) = *rafflesiana* x *mirabilis*  
*Hookeriana* (H. Low) (natural hybrid complex) 1847 = *rafflesiana* x *ampullaria*  
*Nel Horner* (Pring, 1950, *chelonii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x [*rafflesiana* x *gracilis*]  
*Hybrida* (Dominy, 1866, *hybrida* group) = *kbasiana* x *gracilis*  
*Hybrida maculata* (Dominy, 1866, *hybrida* group) = *kbasiana* x *gracilis*  
*Hybrida maculata elongata* (Court, 1877, *dominii* group) = *gracilis* x (*rafflesiana* x *gracilis*)  
*Intermedia* (Court, 1877, *dominii*) = *gracilis* x *rafflesiana*  
*Kinabaluensis* (natural hybrid complex) = *rajah* x *villosa*  
*Krausii* (Bonstedt, 1931, *deslogesii* group) = (*northiana* x *maxima*) x (*veitchii* x *maxima*)  
*Ladenburgii* (Bonstedt, 1931, *mixta* group) = (*northiana* x *maxima*) x *maxima*  
*Lawrenciana* (Taplin, 1880, *wrigleyana*) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Longicaudata* (Jarry-Desloges, 1906, *mixta* group) = *maxima* '*superba*' x *northiana* '*pulchra*'  
*Lyrata* (Court, 1877, *lyrata* group) = (*kbasiana* x *gracilis*) x *rafflesiana*  
*Dr. John MacFarlane* (*Veitch*, 1909, *nobilis* group) = *sanguinea* x *maxima* '*superba*'  
*Maria-Louisa* (Gautier, 1903, *mixta* group) = *northiana* x *maxima*

- Mastersiana* (Court, 1881) = *sanguinea* x *kbasiana*  
*Mercieri* (Gautier, 1903, *mixta* group) = *northiana* x *maxima*  
*Merrilliata* (natural hybrid complex) = *merrilliana* x *alata*  
*Mixta* (Tivey, 1892, *mixta* group) = *northiana* x *maxima*  
*F. W. Moore* (Tivey, 1904, *dyeriana* group) = (*northiana* x *maxima*) x (*rafflesiana* x *veitchii*)  
*Director G. T. Moore* (Pring, 1950, *chelsonii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x [*rafflesiana* x *gracilis*]  
*Katharine Moore* (Pring, 1950, *dominii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x [*rafflesiana* x *gracilis*]  
*Morganiana* (Taplin, 1881, *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Neufvilliana* (Bonstedt, 1931, *mixta* group) = (*northiana* x *maxima*) x *maxima*  
*Nobilis* (Veitch, 1910, *nobilis* group) = *sanguinea* x *maxima* 'superba'  
*Outrarniana* (Taplin, 1879, *henryana* group) = (*gracilis* x *kbasiana*) x (*rafflesiana* x *ampullaria*)  
*Paradisae* (Taplin, 1883, *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Patersonii* (Saul, 1889, *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Paullii* (Jarry-Desloges, 1906, *deslogesii* group) = (*maxima* 'superba' x *veitchii*) x (*northiana* x *maxima*)  
*Petersii* (Bonstedt, 1931, *deslogesii* group) = (*northiana* x *maxima*) x (*veitchii* x *maxima*)  
*Picturata* (Tivey, 1903, *dyeriana* group) = (*northiana* x *maxima*) x (*rafflesiana* x *veitchii*)  
*Pitcheri* (Pitcher & Manda, 1895) = [*mirabilis* x (*rafflesiana* x *ampullaria*)] x [(*gracilis* x *kbasiana*) x (*rafflesiana* x *ampullaria*)]  
*Leutenant R B Pring* (Pring, 1950, *chelsonii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x [*rafflesiana* x *gracilis*]  
*Rafflesiana pallida* (Court, 1877, *lyrata* group) = (*kbasiana* x *gracilis*) x *rafflesiana*  
*Ratcliffiana* (Court, 1880, *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Remilliensis* (Jarry-Desloges, 1905, *deslogesii* group) = (*northiana* x *maxima*) x (*veitchii* x *maxima*)  
*Reutheri* (Bonstedt, 1931, *balfouriana* group) = (*northiana* x *maxima*) x (*sanguinea* x *kbasiana*)  
*Robusta* (Taplin, 1880, *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Roedigeri* (Bonstedt, 1931, *mixta* group) = (*northiana* x *maxima*) x *maxima*  
*Rubro-maculata* (Court, 1887) = (*kbasiana* x *gracilis*) x *veitchii*  
*Rufescens* (Court, 1888) = [*gracilis* x (*rafflesiana* x *gracilis*)] x *distillatoria* 'rubra'  
*Rutzii* (Bonstedt, 1931, *deslogesii* group) = (*northiana* x *maxima*) x (*veitchii* x *maxima*)  
*Saint Louis* (Pring, 1950, *chelsonii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x [*rafflesiana* x *gracilis*]  
*Sedenii* (Seden, 1872, *hybrida* group) = *gracilis* x *kbasiana*  
*Henry Shaw* (Pring, 1950, *chelsonii* group) = [(*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)] x [*rafflesiana* x *gracilis*]  
*Siebrechitiana* (Siebrecht, 1889, *dormanniana* group) = *mirabilis* x (*gracilis* x *kbasiana*)  
*Siebertii* (Bonstedt, 1931, *deslogesii* group) = (*northiana* x *maxima*) x (*veitchii* x *maxima*)  
*Simonii* (Gautier, 1903, *mixta* group) = *northiana* x *maxima*  
*Shinjuku* (*shinjuku* group) = [*northiana* x *maxima*] x [*mirabilis* x (*rafflesiana* x *ampullaria*)]  
*Spredida* (Pitcher & Manda, , *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Stammieri* (Bonstedt, 1931, *mixta* group) = [(*northiana* x *maxima*) x *maxima*] x [(*northiana* x *maxima*) x *maxima*]  
*Stewartii* (Court, 1879, *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
*Superba* (Taplin, 1880, *henryana* group) = (*gracilis* x *kbasiana*) x (*rafflesiana* x *ampullaria*)  
*Tiveyi* (Tivey, 1897, *tiveyi* group) = *maxima* 'superba' x *veitchii*  
*Gerald Ulrichi* (Pring, 1950, *chelsonii* group) = (*rafflesiana* x *gracilis*) x (*rafflesiana* x *ampullaria*)  
*Vallierae* (Jarry-Desloges, 1905, *deslogesii* group) = (*maxima* 'superba' x *veitchii*) x (*northiana* x *maxima*)  
*Ventrata* (natural hybrid complex) = *ventricosa* x *alata*  
*Williamsii* (Taplin, 1880, *henryana* group) = (*gracilis* x *kbasiana*) x (*rafflesiana* x *ampullaria*)  
*Wittei* (Witte, 1897) = *maxima* x *stenophylla*  
*Wrigleyana* (Court, 1880, *wrigleyana* group) = *mirabilis* x (*rafflesiana* x *ampullaria*)  
? (Schnell, 197-) = *thorelii* x (*maxima* x *stenophylla*)

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